

SEQUENCE LISTING

<110> MOLENAAR, DOUWE

VAN DER REST, MICHEL E

DRYSCH, ANDRE

<120> NUCLEOTIDE SEQUENCE WHICH CODE FOR THE mdhA GENE

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<150> DE 10032350.2

<151> 2000-07-04

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<170> PatentIn version 3.1

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<212> PRT

<213> Corynebacterium glutamicum

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Ala Gly Gln Ile Ser Tyr Ser Leu Leu Trp Arg Ile Ala Asn Gly Glu
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Val Phe Gly Thr Asp Thr Pro Val Glu Leu Lys Leu Leu Glu Ile Pro

35

40

45

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| 85 90 95 | |
| gga aaa ggc gaa gag cgc gca gat ttg ctg gct aac aac ggc aag att Gly Lys Gly Glu Arg Ala Asp Leu Leu Ala Asn Asn Gly Lys Ile | 874 |
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| 115 120 125 | |
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| 210 215 220 225 | |
| cgc gtg gct aac cgt ggc gct gaa atc att gag gtc cgt gga aag tct Arg Val Ala Asn Arg Gly Ala Glu Ile Ile Glu Val Arg Gly Lys Ser | 1258 |
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| 290 | 295 | 300 | 305 |
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| ccacggtcgc agaatcggtg tccggggcga tcagcgggtc aaagctcacg gcacgaccag | | | 2449 |

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<212> PRT

<213> Corynebacterium glutamicum

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Pro Gln Ala Leu Gly Gly Ala Glu Gly Val Ala Met Glu Leu Leu Asp
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Glu Ala Phe Asp Gly Ala Asn Ala Ala Phe Leu Val Gly Ala Lys Pro
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Arg Gly Lys Gly Glu Glu Arg Ala Asp Leu Leu Ala Asn Asn Gly Lys
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115 120 125

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Ala Ser Ala Ala Ala Pro Asp Val Pro Ala Ser Arg Phe Asn Ala Met
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Met Arg Leu Asp His Asn Arg Ala Ile Ser Gln Leu Ala Thr Lys Leu
165 170 175

Gly Arg Gly Ser Ala Glu Phe Asn Asn Ile Val Val Trp Gly Asn His
180 185 190

Ser Ala Thr Gln Phe Pro Asp Ile Thr Tyr Ala Thr Val Gly Gly Glu
195 200 205

Lys Val Thr Asp Leu Val Asp His Asp Trp Tyr Val Glu Glu Phe Ile
210 215 220

Pro Arg Val Ala Asn Arg Gly Ala Glu Ile Ile Glu Val Arg Gly Lys
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Ser Ser Ala Ala Ser Ala Ala Ser Ser Ala Ile Asp His Met Arg Asp
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Trp Val Gln Gly Thr Glu Ala Trp Ser Ser Ala Ala Ile Pro Ser Thr
260 265 270

Gly Ala Tyr Gly Ile Pro Glu Gly Ile Phe Val Gly Leu Pro Thr Val
275 280 285

Ser Arg Asn Gly Glu Trp Glu Ile Val Glu Gly Leu Glu Ile Ser Asp
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Arg Glu Ala Val Arg Asp Leu Leu
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